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<u>Claims</u>

- 1. An apparatus for processing a fluid sample comprising:
 - (iv) a platform comprising:
 - (c) a chamber suitable for receiving a sample; and
 - (d) a functional component;
 - (v) an arm capable of being raised and lowered and including a means for removeably attaching to the functional component such that said component may be raised and lowered with the arm; and
 - (vi) a means for moving the platform such that any chamber or functional component may be aligned with respect to the arm.
- 2. An apparatus according to Claim 1 wherein the platform is circular.
- 3. An apparatus according to any of Claims 1 to 2 wherein the arm mechanically removeably attaches to the functional component.
- 4. An apparatus according to any of Claims 1 to 3 wherein the apparatus comprises a means for raising and lowering the arm in a substantially vertical direction.
- 5. An apparatus according to any of Claims 1 to 4 wherein the functional component is used to remove an analyte from the sample in the chamber.
- An apparatus according to Claim 5 wherein the chamber of the apparatus comprises a solid phase binding material capable of forming a complex with the analyte.

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- 7. An apparatus according to Claim 6 wherein said solid phase binding material is silica.
- 8. An apparatus according to any of Claims 5 to 7 wherein the apparatus comprises a means for attracting said complex.
- 9. An apparatus according to Claim 8 wherein said means is a magnet.
- 10. An apparatus according to Claims 8 to 9 wherein said functional reagent is a sheath which provides an interface between the means for attracting the complex and the complex itself.
- 11. An apparatus according to any of Claims 1 to 10 wherein the apparatus additionally comprises a physical processing means.
- 12. An apparatus according to Claim 11 wherein the physical processing means is a means for heating the contents of a chamber of the apparatus.
- 13. An apparatus according to Claim 11 wherein the physical processing means is a means for sonicating the contents of a chamber of the apparatus.
- 14. An apparatus according to any of Claims 1 to 13 wherein the chamber of the apparatus is coated at least in part with an electrically conducting polymer.

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- 15. An apparatus according to any of Claims 1 to 14 wherein the apparatus comprises a chamber comprising pre-dispensed reagents.
- 16. An apparatus according to Claim 15 wherein the reagents are bound to further solid phase binding material.
- 17. Use of an apparatus according to Claim 1 for the processing of a sample prior to a nucleic acid amplification reaction.
- 18. A method of processing a fluid sample wherein the method comprises:
 - (vii) placing a sample comprising an analyte into a first chamber located on a platform of an apparatus;
 - (viii) binding the analyte to a binding material to form an analyte binding material complex;
 - (ix) lowering a means for reversibly attracting said complex into said first chamber and allowing the complex to be attracted to said means;
 - (x) raising said means from the first chamber;
 - (xi) moving said platform such that a second chamber is now aligned with the means for reversibly attracting said complex;
 - (xii) lowering said means for reversibly attracting said complex into the second chamber and allowing the complex to detract from said means;

characterised in that the analyte is subjected to a physical processing step either in the first chamber or in the second chamber.

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- 19. A method according to Claim 17 wherein the physical processing step is a sonication step.
- 20. A method according to Claim 17 wherein the physical processing step is a heating step.
- 21. A method according to any of Claims 17 to 20 wherein the sample is also subjected to a chemical processing step.
- 22. Use of a method according to Claim 17 for the processing of a sample prior to a nucleic acid amplification reaction.
- 23. Use of a binding material in a method according to Claim 17 for the processing of a sample prior to a nucleic acid amplification reaction.
- 24. A lid, suitable for closure of a vessel, said lid comprising a membrane and characterised in that said membrane is recessed within the lid.